

Title (en)
Hydroxylamine derivatives as 5-lipoxygenase inhibitors.

Title (de)
Hydroxylaminderivate als 5-Lipoxygenasehemmer.

Title (fr)
Dérivés d'hydroxylamine comme inhibiteurs de 5-lipoxygénase.

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EP 0555067 A1 19930811 (EN)

Application
EP 93300781 A 19930203

Priority
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Abstract (en)
The invention concerns hydroxylamine derivatives of the formula I <CHEM> wherein R<4> is hydrogen, carbamoyl, (1-4C)alkyl, (2-5C)alkanoyl, N-(1-4C)alkylcarbamoyl, N,N-di-(1-4C)alkylcarbamoyl, benzoyl or phenylsulphonyl; R<5> includes hydrogen, (1-4C)alkyl and (2-5C)alkanoyl; R<6> is hydrogen, (1-4C)alkyl, phenyl or phenyl-(1-4C)alkyl; R<7> is hydrogen or (1-4C)alkyl; Ar<1> is phenylene; A<1> is a direct link to X<1>, or A<1> is (1-4C)alkylene; X<1> is oxy, thio, sulphinyl or sulphonyl; Ar<2> is phenylene, pyridinediyl, pyrimidinediyl, thiophenediyl, furandiyl, thiazolediyl, oxazolediyl, thiadiazolediyl or oxadiazolediyl; R<1> is (1-4C)alkyl, (3-4C)alkenyl or (3-4C)alkynyl; and R<2> and R<3> together form a group of the formula -A<2>-x<2>-A<3>- which together with the carbon atom to which A<2> and A<3> are attached define a ring having 5 or 6 ring atoms, wherein each of A<2> and A<3> is independently (1-3C)alkylene and X<2> is oxy, thio, sulphinyl, sulphonyl or imino; or a pharmaceutically-acceptable salt thereof; processes for their manufacture; pharmaceutical compositions containing them and their use as 5-lipoxygenase inhibitors.

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IPC 8 full level
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• [A] EP 0409412 A2 19910123 - ICI PLC [GB], et al

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